

ABSTRACT OF THE DISCLOSURE

A technique is provided for dynamically adjusting information transmitted between a served station and a serving station. In the present technique, an imaging system may be configured to detect and convert signals into an image. Also, the
5 imaging system may be configured to produce image data. A serving station is configured to receive the image data from the imaging system along with network performance data from network sensors. The serving station has a scanner module configured to dynamically modify a scanning rate of the image data based on the network performance. Similarly, the serving station has an encoder module
10 configured to dynamically modify an encoding format of the image data based on the network performance. A served station is configured to receive the modified image data from the serving station via a network.